REMARKS

The Applicant acknowledges receipt of the non-final Office Action mailed on September 11, 2009 in the above-identified patent application. In the outstanding non-final Office Action, claims 1, 3-6, 10-12, 16-17, and 19 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,249,241 to Jordan et al. (hereinafter "Jordan") in view of U.S. Patent No. 5,923,285 to Andrusiak et al. (hereinafter "Andrusiak") and U.S. Patent No. 5,978,736 to Greendale. Claim 8 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Jordan in view of Andrusiak and Greendale in further view of U.S. Patent No. 4,774,516 to Henri et al. Claims 13 and 15 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Jordan in view of Andrusiak and Greendale in further view of U.S. Patent App. No. 2002/0141732 to Reese et al. Claim 18 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Jordan in view of Andrusiak and Greendale in further view of U.S. Patent App. No. 2003/0026440 to Lazzeroni et al. Claim 20 stands rejected under 35 U.S.C. § 103(a) as being unpatentable over Jordan in view of Andrusiak and Greendale in further view of U.S. Patent No. 5,559,517 to Didomizio. Claims 1, 3-6, 8, 10-13, and 15-20 are pending in the application.

In keeping with the foregoing amendments and the following arguments, reconsideration and allowance of the remaining pending claims is respectfully requested.

Claim 1 recites, in part, a signal processing unit included within a head for processing a received radar signal and for combining the received radar signal with data from at least one other source and configured to simultaneously process the received radar signal and output radar data in at least two different digital formats.

In the Office Action, the Office acknowledges that Jordan does not teach a signal processing unit that outputs radar data in at least two different digital formats, as recited in claim 1. *See* Office Action, page 3, line 5. But the Office asserts that Andrusiak teaches this limitation, and the Office further asserts that it would have been obvious to modify Jordan to include the signal processing unit of Andrusiak that allegedly outputs radar data in at least two different digital formats. *See* Office Action, page 3, line 17-page 4, line 4.

However, the limitation missing from Jordan is not disclosed or suggested by either of Andrusiak or Greendale.

Turning first to Andrusiak, Andrusiak teaches a multiple radar/multiple display networked distribution system. *See* Andrusiak, col. 6, lines 20-22 and Fig. 2. The distribution system includes a plurality of radar systems 31, and each of the radar systems 31 may present a number of different analog radar video signals, such as moving target indicator video or other videos. *See* Andrusiak, col. 6, lines 32-36 and Fig. 2. A processor 33 is associated with each radar system 31, and each processor 33 receives the analog video signals from the associated radar system 31 as an input. *See* Andrusiak, col. 6, lines 36-39 and Fig. 2. The processor 33 digitizes each video signal, and the processor's video mixer 56 combines the video signals into one digital output to be sent over a digital network 34 to selected displays 36. *See* Andrusiak, col. 6, lines 36-39; col. 7, lines 56-60; col. 8, lines 6-10; and Figs. 2 and 3. Because, as explained above, the video mixer 56 of the processor 33 provides an output video having a single digital output (*i.e.*, a single digital format) that is a combination of multiple video signals, Andrusiak does not disclose or suggest that radar data is output in *at least two* digital formats, as recited in claim 1. *See* Andrusiak, col. 8, lines 8-9.

Moreover, it would not have been obvious to modify the processor 33 of Andrusiak to output radar data in at least two digital formats. Specifically, as explained above, Andrusiak does not teach or suggest outputting radar data in at least two digital formats, so such a modification would be based only on knowledge gleaned from the Applicant's disclosure, and would therefore be the result of impermissible hindsight. *See* MPEP § 2145 X(A). In addition, by teaching that a video mixer 56 provides an output video of a *single digital format*, Andrusiak essentially teaches away from outputting data in at least two digital formats.

Turning now to Greendale, Greendale teaches a vehicle obstruction avoidance system having a rearward-directed sensor attached to a rear bumper of a vehicle. *See* Greendale, col. 3, lines 4-7 and Fig. 1. The sensor includes a sensor head having a short-range scanning laser and an optical sensor, and a receiver and processor 7 for receiving and processing a reflected pulse transmission. *See* Greendale, col. 3, lines 7-37; claim 1; and Fig. 1. Greendale teaches that the processor 7 analyzes range intervals for the presence of an echo following the transmission of each pulse, but Greendale does not disclose or suggest a processor that outputs radar data in at least two different digital formats. *See* Greendale, col. 3, lines 54-58.

Consequently, because neither Andrusiak nor Greendale discloses or suggests the limitation of claim 1 that the Office concedes is missing from Jordan, claim 1 is allowable.

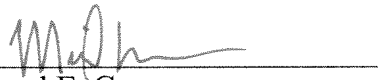
Because claims 3-6, 8, 10-13, and 15-20 depend from allowable claim 1, these claims are also allowable.

In view of the foregoing, the above-identified application is in condition for allowance. In the event there is any remaining issues that the Examiner believes can be resolved by telephone, the Examiner is respectfully invited to contact the undersigned attorney at (312) 474-6300.

It is believed that no fees are necessary in connection with the present Amendment. However, in the event any fees are required, kindly charge the cost thereof to our Deposit Account No. 13-2855.

Dated: December 10, 2009

Respectfully submitted,

By 

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